

COLORADO RIVER BASIN

09404208 DIAMOND CREEK NEAR PEACH SPRINGS, AZ

LOCATION--Lat 35° 45'54", long 113° 22'03", sec. 32, T.28 N., R.10 W., unsurveyed, Mohave County, Hydrologic Unit 15010002, on the Hualapai Reservation, on the right bank, 0.25 mi upstream from mouth, and 20.4 mi north of Peach Springs by dirt road.

DRAINAGE AREA.--279.5 mi².

PERIOD OF RECORD--May 1993 to current year.

GAGE--Water-stage recorder. Elevation of gage is 1,400 ft above sea level, from topographic map.

REMARKS.--Records poor

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 10,500 ft³/s Aug. 29, 2000, gage height 15.32 ft. from floodmark; minimum daily discharge, 0.64 ft³/s, Aug. 9, 1993.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
July 23	2130	*41	*8.90

Minimum daily discharge, 1.2 ft³/s, July 9.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	2.9	3.2	4.0	4.8	4.2	3.9	2.2	1.6	1.3	1.5	1.8
2	2.6	2.9	3.1	4.0	4.8	4.3	3.9	2.3	1.7	1.4	1.5	1.8
3	2.4	2.9	2.9	4.0	4.8	4.3	3.7	2.3	1.8	1.5	1.5	1.8
4	2.1	2.9	3.6	4.0	4.8	4.3	3.7	2.2	1.8	1.5	1.4	1.8
5	1.9	3.3	3.3	4.0	4.8	4.3	3.7	2.1	1.9	1.5	1.5	1.8
6	1.8	3.3	3.1	4.3	4.8	4.3	3.9	1.9	1.9	1.4	1.5	1.9
7	2.4	3.2	3.1	4.3	4.8	4.0	3.8	1.8	2.0	1.3	1.5	3.6
8	2.7	3.2	3.1	4.3	4.8	4.1	3.6	1.7	1.9	1.3	1.5	2.7
9	2.5	3.1	3.1	4.3	4.8	4.0	3.7	1.8	1.9	1.2	1.5	2.5
10	2.5	3.2	3.2	4.4	4.8	4.0	3.8	2.0	2.1	1.4	1.5	3.4
11	2.5	3.1	3.1	3.8	4.8	3.9	3.9	2.1	2.1	1.4	1.5	3.7
12	2.5	3.1	3.1	4.0	4.8	3.9	3.8	2.1	2.0	1.5	1.5	3.0
13	2.6	3.1	3.1	4.3	4.6	3.7	3.7	1.9	2.0	1.4	1.5	2.9
14	2.6	3.2	3.1	4.1	4.3	3.9	3.5	1.9	1.9	1.3	1.6	2.6
15	2.6	3.1	3.1	4.0	4.2	4.1	3.4	1.9	2.1	1.3	1.6	2.5
16	2.7	2.9	3.1	4.0	4.3	4.2	3.6	1.9	2.0	1.4	1.6	2.4
17	2.6	2.9	3.1	4.2	4.4	4.3	3.3	1.9	1.9	e4.0	1.7	2.5
18	2.7	2.9	3.1	4.3	4.6	3.9	3.3	1.9	1.9	e1.5	1.7	2.6
19	2.7	2.9	3.2	4.4	4.6	3.6	3.3	1.8	2.0	e1.4	1.7	2.6
20	2.7	3.1	3.3	4.5	4.5	3.3	3.3	1.7	1.8	e1.4	1.6	2.7
21	2.8	3.1	3.3	4.5	4.5	3.1	3.2	2.0	1.8	e1.4	1.6	2.6
22	2.8	3.2	3.1	4.5	4.5	3.1	3.0	2.0	1.8	e1.4	1.7	2.6
23	2.8	3.3	3.1	4.4	4.5	3.2	2.8	2.0	1.7	3.6	1.7	2.6
24	2.9	3.3	3.1	4.5	4.5	3.3	2.5	2.0	1.7	2.3	1.7	2.5
25	2.9	3.7	3.1	4.5	4.5	3.4	2.3	2.0	1.5	1.7	1.7	2.4
26	2.9	3.5	3.1	4.5	4.5	3.3	2.4	1.9	1.4	1.7	1.7	2.5
27	2.9	3.6	3.3	4.5	4.5	3.4	2.5	1.9	1.4	1.6	1.8	2.5
28	2.9	3.5	3.5	4.6	4.4	3.7	2.5	1.8	1.4	1.5	1.8	2.8
29	2.9	3.4	3.5	4.8	---	3.7	2.3	1.8	1.4	1.5	1.8	2.6
30	2.9	3.3	3.7	4.8	---	3.7	2.2	1.7	1.3	1.5	1.8	2.7
31	2.9	---	3.9	4.8	---	3.8	---	1.7	---	1.5	1.8	---
TOTAL	81.4	95.1	99.7	133.6	129.0	118.3	98.5	60.2	53.7	50.1	50.0	76.4
MEAN	2.626	3.170	3.216	4.310	4.607	3.816	3.283	1.942	1.790	1.616	1.613	2.547
MAX	2.9	3.7	3.9	4.8	4.8	4.3	3.9	2.3	2.1	4.0	1.8	3.7
MIN	1.8	2.9	2.9	3.8	4.2	3.1	2.2	1.7	1.3	1.2	1.4	1.8
AC-FIT	161	189	198	265	256	235	195	119	107	99	99	152

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

MEAN	3.062	3.642	3.958	4.463	4.453	5.110	3.786	2.853	2.445	5.573	4.211	4.599
MAX	3.57	4.56	4.79	5.34	5.01	11.3	4.51	3.56	3.81	25.8	19.2	18.6
(WY)	1999	1999	1999	1997	2000	1995	1998	1993	2000	1999	2000	1999
MIN	2.63	3.05	3.17	3.29	3.70	3.82	3.28	1.94	1.79	1.09	1.61	2.26
(WY)	2002	1996	1995	1995	1995	2002	2002	2002	2002	1993	2002	1995

SUMMARY STATISTICS

FOR 2001 CALENDAR YEAR

FOR 2002 WATER YEAR

WATER YEARS 1993 - 2002

ANNUAL TOTAL	1151.3		1046.0		
ANNUAL MEAN	3.154		2.866		4.014
HIGHEST ANNUAL MEAN					1999
LOWEST ANNUAL MEAN					2.14 1993
HIGHEST DAILY MEAN	10	Mar 11	4.8	Jan 29	484 Aug 29 2000
LOWEST DAILY MEAN	1.0	Jul 8	1.2	Jul 9	0.64 Aug 9 1993
ANNUAL SEVEN-DAY MINIMUM	1.1	Jul 7	1.4	Jul 5	0.82 Jul 10 1993
ANNUAL RUNOFF (AC-FT)	2280		2070		2910
10 PERCENT EXCEEDS	4.6		4.4		4.8
50 PERCENT EXCEEDS	3.1		2.9		3.3
90 PERCENT EXCEEDS	1.6		1.5		2.0

e Estimated